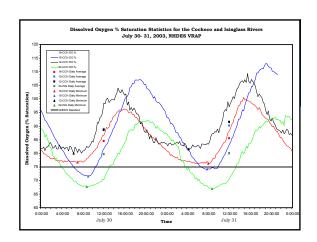


VRAP and the Clean Water Act Section 305 (b) of the Clean Water Act requires each state to prepare a water quality inventory of its surface waters every two years. Section 303 (d) requires states to prepare a list of impaired surface waters for which comprehensive water quality studies can be prepared.

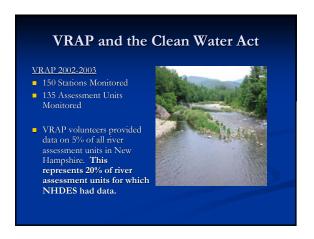
Quality Assurance/Quality Control Training and technical assistance to VRAP groups and volunteers VRAP has a Quality Assurance Project Plan (QAPP) that has been approved by NHDES and reviewed by E.P.A. All data is checked against replicates and duplicates and calibration values. Only data that passes all aspects of the QA/QC requirements is used for assessments. In 2003 over 90% of VRAP data was useable for assessment purposes.





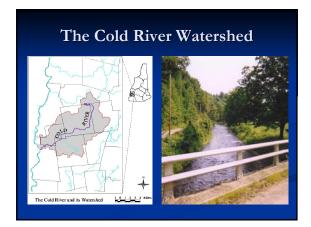
Waterbody Type	Total Size	Total Number of Assessment Units
Freshwater rivers and streams	9,625 Miles	3,147
Freshwater impoundments	21, 746 Acres	805
Freshwater lakes and ponds	165,804 Acres	989
Estuaries	21.33 Square Miles	43
Ocean	70.33 Square Miles	22
	Total	5,006

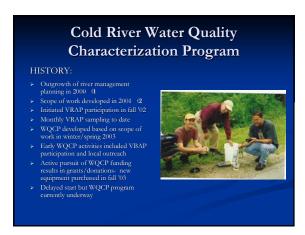
Volunteer Data Collected 2002 - 2003			
■ Dissolved Oxygen Concentration	1566		
■ pH	1481		
Specific Conductance	1554		
■ Turbidity	1485		
■ Water Temperature	1582		
E. coli	554		
Total Phosphorous	243		
8465 Me	asurements		

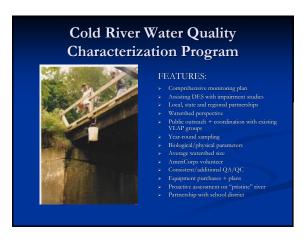


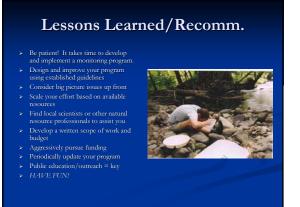
Developing a Monitoring Plan BASICS: Objectives Sampling Locations Parameters Schedule/Frequency People Power Equipment Funding











Thank You!

For additional information on the development of volunteer water monitoring programs:

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